

IP39-40PC

IP Video Access Control Phone

Indoor / Outdoor Use



General

TransTEL's new IP Door Phone IP39-40PC is a standalone SIP phone, designed to enhance extended communication ranges of a VoIP network by providing Voice, Video, Access Control, Door Entrance capability and Direct Extension Dialing.

Integrated into a SIP Server as end points or extensions, TransTEL IP Door Phones allow voice and video communication, plus door control, in multiple company branches operating within a single IP domain or intranet. Integrated IP video cameras provide real-time video streaming and the stylish housing of these TransTEL IP Door Phones complement the design architecture of most buildings and office spaces.

Main Features

- 12 level microphone volume
- 12 level speaker volume
- 2 separate relays
- Auto answer for incoming calls
- Auto provisioning
- Day / Night call destinations
- Direct dialing to destination
- Display: OLED, 16 x 2 characters
- Door control
- Door opening from remote extension
- Door status indication (feature is depended on system)
- External switch buttons
- Firmware upgrade and backup
- Intercom for indoor and outdoor use
- Keypad: 4 x 4 piezo keypad
- Multiple door access codes
- Network configuration: DHCP or Static
- No answer call forwarding
- Power over Ethernet (PoE)
- Remote volume adjustment

- Self-Defense (case open) Alarm (feature is depended on system)
- SIP server extension account
- Video Streaming (RTSP and HTTP)
- SIP Video
- Speed dial memory scrolling
- Up to 99 member Phone-Book list
- Web GUI password protection
- Web interface HTTPS supported

Mechanical Specifications

| | |
|---------------|---|
| Body Material | ADC12 / Aluminum Plate |
| Standards | IP54 |
| Color | Silver |
| Mounting | On Wall |
| Dimension | 182 x 95 x 36 mm (7.2 x 3.8 x 1.4 inches) |
| Weight | 0.8 kg (1.77 lbs) (net) |

Environmental Specifications

| | |
|------------------------------------|-------------------|
| Max / Min. Temperature (operating) | 0° to 40° C |
| Max / Min. Temperature (storage) | -10° to 60° C |
| Humidity | 0 to 90% relative |

Network

| | |
|-----------|------------------------------|
| Interface | Ethernet RJ-45 x 1, Auto MDI |
|-----------|------------------------------|

Wiring Specifications

| | |
|-------------------------|---|
| Connection Cable Length | < 100M (Ethernet) |
| Connection Cable Spec | 0.5 mm (Minimum) 90 ohms/Km 50nF/Km Cat 5. (Minimum) Twist Pair |

Electrical Characteristics

- Power
 - Power adapter (Optional)
 - Input 100-240VAC 50-60Hz
 - Output 5VDC/2A
 - Integrated PoE (Power-over-Ethernet) 802.3af
- Consumption
 - Idle 340mA, 2.7W
 - Maximum 1.1A, 5.5W
- DO/DI (Relays and Sensor) 2/2
- Relay 1/2 resistive load Up to 2A (30 VDC)
- Sensor
 - Open loop impedance > 1K ohm
 - Close loop impedance < 100 ohm

| Audio Specifications | |
|----------------------------------|---|
| ■ Voice frequency range | HD Range |
| ■ Conversation mode | Hands-Free Full Duplex |
| ■ VoIP Protocol | SIP RFC-3261; RTP; RTCP |
| ■ DTMF Presentation modes | RFC 2833; SIP Info |
| ■ Codec | |
| Audio | G.711 PCM a/u, G.722, Speex 8/16/32 KHz, GSM |
| Video | H.264; H.263-1998 |
| ■ Audio Quality | VAD (Voice Activity Detection) CNG (Comfort Noise Generator) PLC (Packet Loss Concealment) AJB (Adaptive Jitter Buffer, up to 300ms) |
| ■ QoS (Quality of Service) | RTP/UDP (ToS/Diffserv) |
| ■ IP media features | AGC (Automatic Gain Control) |
| ■ Echo Cancellation | G.168-2002 Compliant with programmable echo tail of up to 128 ms Length: Up to 64 ms; Acoustic EC |
| ■ Media Encryption | SRTP |
| ■ NTP protocol support | Yes |
| ■ NAT Traversal and STUN support | Yes |
| ■ Syslog protocol support | Yes |

| Camera Specifications | |
|------------------------------|---------------------------|
| Image Sensor | 1/4" HD CMOS Image Sensor |
| Lens | 4G+AR+IR |
| View Angle | 125° |
| System / Resolutions | HD 720P / 480P |
| White Balance | Auto |